

CLASSIFICATION **CONFIDENTIAL**
 SECURITY INFORMATION
 CENTRAL INTELLIGENCE AGENCY

REPORT NO. 25X1A

25X1A

CD NO.

INFORMATION REPORT

DOE REVIEW COMPLETED

COUNTRY Czechoslovakia

DATE DISTR. 17 Jan. 1952

SUBJECT New Gas Laboratory in Bechovice

NO. OF PAGES 2

PLACE
ACQUIRED

25X1A

DATE OF
INFO.NO. OF ENCLS. 3
(LISTED BELOW)SUPPLEMENT TO
REPORT NO.

25X1X

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- 25X1
1. Since the beginning of 1949 a factory has been under construction about 1½ km. north-northwest of Bechovice (051/198). About 200 workers are employed full time and about 50 craftsmen part time on the construction. The ultimate purpose of this plant is kept secret. One of the construction foremen stated that the production of "Movo" was talked of and that it apparently had something in common with heavy water (sic).*
 2. Outside work on the major plant buildings is completed. These buildings include the observation building (pozorovatelna), development building (vyvojovna), machine shop (strojovna), laboratory and preparation building (pripravna). Still under construction are an unnamed large building, a boiler house, a waterworks and a warehouse. Two plant railway lines connect the area with the main Prague-Kolin line.
 3. The following is a key to Attachment 2, a sketch of the plant. The numbers are keyed to the sketch.
 - 1) Laboratory Building is 66m by 15m. The gasworks attached to the laboratory is 21 m. wide. Ditches 10 m (sic) deep have been dug around the laboratory for water pipes.
 - 2) Building under construction Three-story concrete building 60 m by 30 m in dimensions and located about 700 m from the laboratory.
 - 3) Test holes Twelve holes 4 m by 2.5 m and 5 m deep.
 - 4) Observation Building Single-story building, about 35 m by 15 m. Several of the rooms in this building have been equipped with machinery. A ticket taken from one machine had the following English text:

Cambridge Instrument Co.
 Ltd.
 London and Cambridge

W.O. No 451853
 Inst. No. L-254870

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| | | | | | | |
|-------|-------------------------------------|------|-------------------------------------|------|-------------------------------------|--------------|
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| AIR | <input checked="" type="checkbox"/> | AIR | <input checked="" type="checkbox"/> | FBI | <input checked="" type="checkbox"/> | |

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| Auth. | HR 70-2 |
| Date | 1952 |

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Cat. No. 45185 List No. 118
 Date tested Sept. '50
 Examiner ...(three illegible initials)
 Sold to Ognipol Trading and Shipping Co., Ltd.
 C.O. No. N. 10,425 D.

On the reverse side of the label was written in pen:

12 Element L.F. Outfit

An inscription on the plate of the machine read:

Important. Rewind shutter for each exposure only when shutter is closed.

Two insulators were marked "tested for 50,000 V"

5) Development Building

Connected with the observation building by a tunnel 1.8 m. high and 1.5 m wide. A development hall, about 40 m by 30 m and 15 m high, is separated from the rest of the building by a thick wall. Along the outside wall of the development hall are four switchboard rooms, about 6 m by 6 m by 5 m high. The switches are for 22,000 V. In one of these rooms is an iron prismatic object, 2.5 m thick and 4 m long.** Each of the rooms has three observation openings into the development hall. The cable room contains a network of copper tubes about 60 mm in diameter. In the machine shop are two large generators, one of which was manufactured in Belgium. The switchboard room next to the machine shop contains twelve 26,000 volt and twenty-four 6,000 volt switches.

6) Preparation Building

This building contains a preparation hall about 20 m by 9 m and 10 m high, as well as several other rooms. A piece of equipment resembling a transformer was stored in this hall.

7) Boiler house

A building 10 m by 10 m being equipped with two boilers about 6 m. long and 1.5 m in diameter.

8) Water works

Located about one km from the plant site.

9) Warehouse

A concrete building about 900 m from the rest of the plant.

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* Comment: It is believed that this may refer to Movidyn. Attachment 3, a sketch of the laboratory, indicates that the plant is part of the Czechoslovak Energy Enterprise in Bechovice.

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** Comment: This may be a grating spectograph, used for qualitative and quantitative analysis primarily of solids, but also of liquids and gases.

Attachments: 1 Sketch showing location of plant under construction near Bechovice.
 2 Sketch of plant.
 3 Plan and elevation of laboratory building, entitled Research Institute of Czechoslovak Energy Enterprise in Bechovice.

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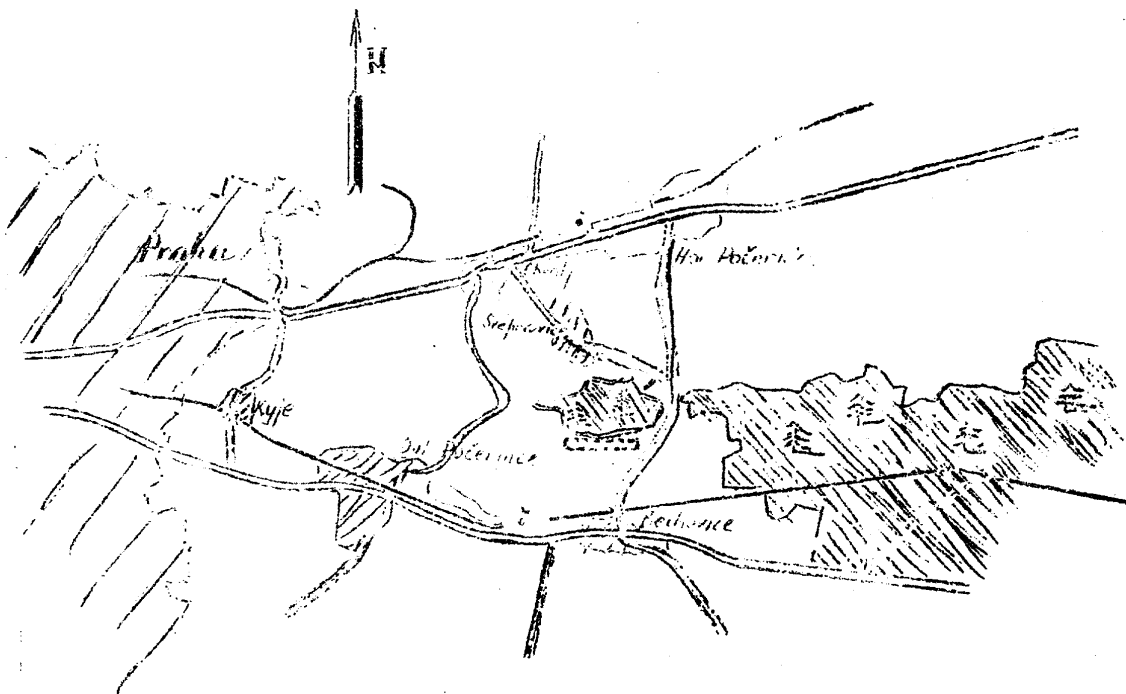
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ATTACHMENT 1

Map of Factory Location



Scale: 1: 75000

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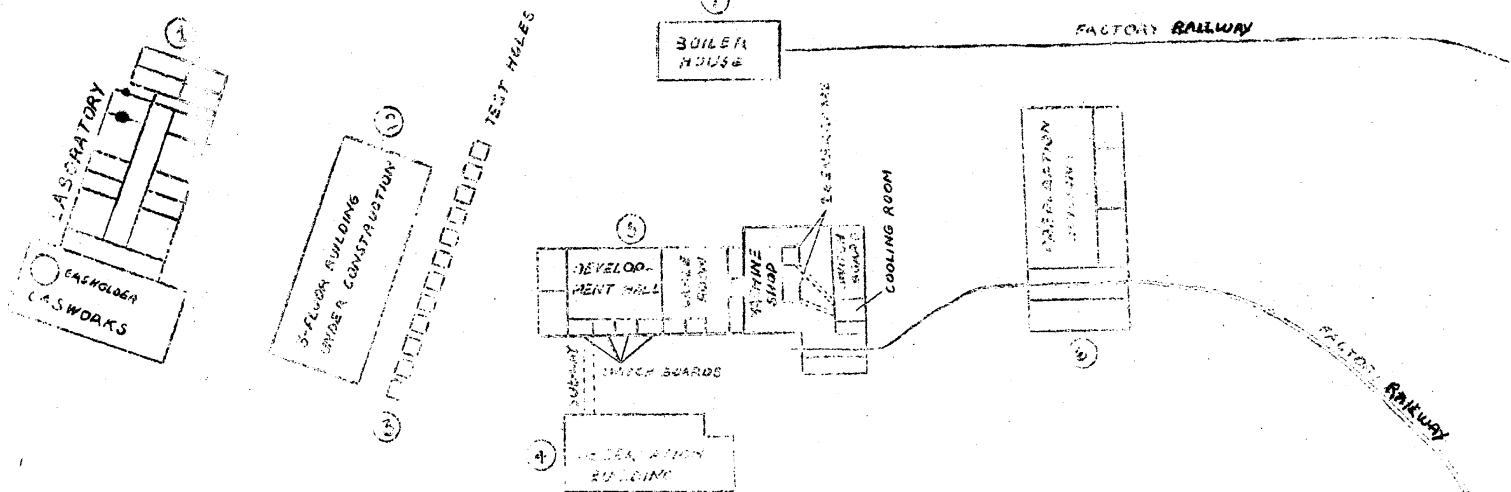
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ATTACHMENT 2

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WATER
TOWER

8

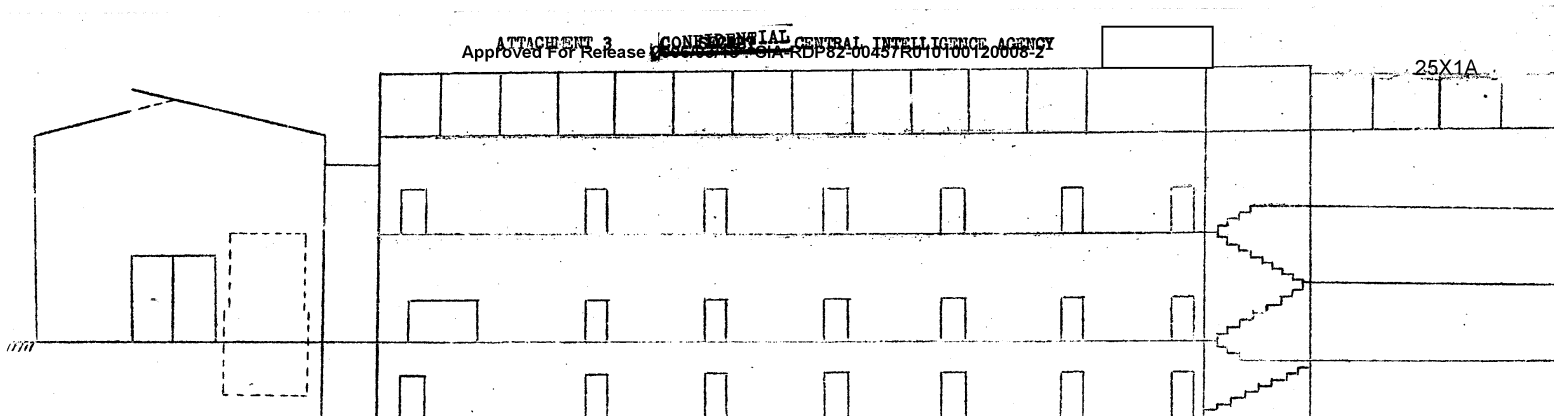


FACTORY LAY-OUT
(NOT TO SCALE)

WATER
TOWER

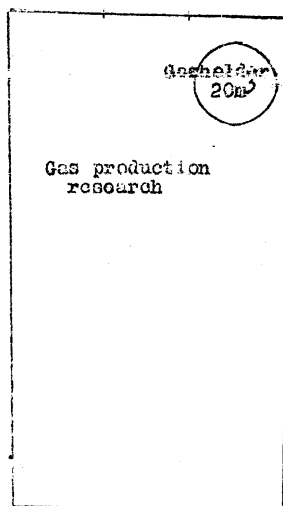
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GAS RESEARCH PAVILION C
 Elevation and ground
 floor plan
 Scale 1 : 200



Gas production
 research

| | | | | | | | | |
|---|--|-------------------------------------|-------------|---|--|----------------------------|----------------|-----------|
| catalyst and adaptation of gas research | | Laboratory for special tests of gas | | Laboratory for research and control of working material | | weighing room | Reception room | Cloakroom |
| Research in condensation and filtering of gas | | Gas analysis | Calorimetry | Laboratory for heat testing of coal and coke | | Head engineer's laboratory | | |

RESEARCH INSTITUTES OF CZECHOSLOVAK ENERGY ENTERPRISE IN BUCHOVICE